WHAT IS CLAIMED IS:

A cooperative system comprising:

- a plurality of information systems; and
- a hub system connected to said plurality of

systems,

said hub system comprising:

conversion means for converting a message received from a first information system to a form suitable for a second information system, said second information system being destination of said message; and

decision means for determining necessity of message conversion and a kind of conversion.

A hub system connected to a plurality of 2. information systems, said hub system comprising:

conversion means/for converting a message received from a first information system to a form suitable for a second information system, said second information system being destination of said message; and

decision means for determining necessity of message conversion and a kind of conversion.

A hub system according to claim 2, further 3. comprising:

flow dontrol means for determining a flow and destination of/a message received from said first information system based on a class of said message,

wherein said decision means further determines whether said flow control means should be used.

4. A hub system according to claim 2,

wherein said conversion means comprises:

protocol conversion means for conducting protocol
conversion; and

message conversion means for conducting message form conversion, and

wherein said decision means checks protocols used in the first information system and the second information system, and if the protocols are the same, said decision means judges protocol conversion to be unnecessary.

- 5. A hub system according to claim 4, wherein said protocol conversion means conducts conversion from a protocol used in said first information system to an internal protocol in said hub, and conducts conversion from said internal protocol to a protocol used in said second information system.
- A hub system according to claim 2, wherein said decision means determines processing to be conducted on the received message in accordance with decision rule.
- 7. A hub system according to claim 6, wherein said decision rule associates a business class included in the received message with a message processing content.
- A hub system according to claim 6, wherein said decision rule associates an amount of money included in the received message with a message processing content.
- 9. A hub system according to claim 6, wherein said decision rule associates user information included in the received message with a message processing content.
- 10. / A hub system according to claim 6, wherein said

decision rule associates a message originating system with a message processing content.

11. A method for making a plurality of information systems cooperate, said method comprising the steps of:

connecting a hub system to said plurality of systems;

receiving, in said hub system a message from a first information system;

determining, in said hub system, necessity of message conversion and a kind of conversion;

if necessary, converting, in said hub system, said message to a form suitable for a second information system, said second information system being destination of said message; and

transmitting said message from said hub system to a second information system.

12. A method according to claim 11, further comprising the steps of:

determining, in said hub system, whether flow control should be conducted, said flow control determining a flow and destination of a message received from said first information system, based on a class of said message; and

conducting, in said hub system, flow control when it has been determined that flow control should be conducted.

13. A hub program executed by a computer to make a plurality of information systems cooperate, said hub program executing the steps of:

receiving a message from a first information system;

determining necessity of message conversion and a kind of conversion;

if necessary, converting said message to a form suitable for a second information system, said second information system being destination of said message; and transmitting said message to a second information

system.

add az